

Recombinant Human C14orf129, His-tagged

Cat. No. C14orf129 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human C14orf129 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	C14orf129 (GSK3 β interaction protein) is defined as a naturally occurring protein that is homologous with the GSK3beta interaction domain of Axin and is able to negatively regulate GSK3beta of the Wnt signaling pathway. C14orf129 may affect GSK3 β activity on neurite outgrowth by inhibiting the specific phosphorylation of tau (ser396).
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 50mM NaCl
Molecular Weight	17.8kDa (159aa), confirmed by MALDI-TOF
Purity	> 95% by SDS - PAGE
Concentration	1mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH METDCNPMEL SSMSGFEEGS ELNGFEGTDM KDMRLEAEAV VNDVLFAVNN MFVSKSLRCA DDVAYINVET KERNRYCLEL TEAGLKVVGY AFDQVDDHLQ TPYHETVYSL LDTLSPAYRE AFGNALLQRL EALKRDGQS

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

C14orf129 chromosome 14 open reading frame 129 [Homo sapiens]

Synonyms

chromosome 14 open reading frame 129; GSKIP; HSPC210; MGC4945; C14orf129; GSK3-beta interaction protein; GSK3beta interaction protein

Gene ID

51527

mRNA Refseq

NM_016472

Protein Refseq

NP_057556

UniProt ID

Q9P0R6

**Chromosome
Location**

14q32.2

Function

protein binding

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